

## EX PARTE OR LATE FILED



GTE Service Corporation 1850 M Street N.W., Suite 1200 Washington, DC 20036 202 463-5200

MAY 3 0 1995

May 30, 1995

Mr. William F. Caton Acting Secretary Federal Communications Commission Washington, DC 20554

RE: Ex Parte Filing - CC Docket No. 92-256 (GTE ONA)

Dear Mr. Caton:

The following responses and materials were prepared by Mike Drew of GTE at the request of Ms. Rose Crellin during the March 10, 1995 meeting in the above matter.

- 1. Q. What files/data bases will be restricted via the Password ID requirement (due April 4, 1996)? Identify the files, give a description of the files, their purpose and why GTE will or will not restrict access.
- A. Attachment A contains a summary of GTE's files/data bases that contain complete and/or partial CPNI and the purpose of their primary use.

As noted in the attachment, access to most of these files/data bases is currently limited via User ID/Password. This level of security limits on-line access into the files/data bases by the sales representatives, but does not give the level of security of denying total access to restricted CPNI accounts as desired by the Commission. GTE's current process of identifying restricted accounts is via a "CPNI Restricted" notice on the account which signifys to the representative that can sell enhanced services that they cannot handle the call.

As identified in GTE's ONA Implementation Plan (GTE's ExParte dated April 14, 1995), GTE plans to apply the additional level of Password ID security capability to its primary databases used by GTE personnel engaged in the sale of enhanced services. GTE will implement this additional password protection, which limits access to restricted CPNI accounts, for the following files/data bases:

- a) Service Order Records Computer Entry System ("SORCES")
- b) Service Order Load And Retrieval ("SOLAR")
- c) Customer Marketing and Service System ("CMSS")

No. of Copies rec'd

List A B C D E

Mr. William F. Caton May 30, 1995 Page 2

## 2. Q. Revised 3-year ONA Services Deployment Report.

A. Attachment B contains GTE's revised 3-year ONA Services Deployment Report. The report has been revised upon correction of the programming errors which were explained in GTE's ExParte dated March 13, 1995.

The above items complete the additional information requested of GTE and should facilitate approval of its Open Network Architecture Plan. Please call me at (202) 463-5291 if you need anything further.

Two copies of this Notice are hereby filed with the Secretary of the Commission in accordance with Section 1.1206(a)(2) of the Rules. Please include this letter in the record of this proceeding.

Sincerely,

F. Gordon Maxson

Director - Regulatory Affairs

Forda Majas

C: Ms. Rose Crellin

Attachments (2)

## GTE Files/Databases Containing Complete or Partial CPNI

Database Name	Database Purpose	Types/Amount of CPNI	Method of Access Restriction
ACG Access Customer Gateway	Allows access customers on-line access to their own data	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, Itemized bill, Payment history, Total billed revenue, Calling patterns, In-service quantities, Usage data, Customer contract information, Feature equipment information, Monthly rates	User ID/Password restricts customer access to their own specific database
BILLSTAR	Print archive of old bills	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, Itemized bill, Payment history, Total billed revenue, Calling patterns, In-service quantities, Usage data, Customer contract information, Feature equipment information, Monthly rates	User ID

Database Name	Database Purpose	Types/Amount of CPNI	Method of Access Restriction
BUCU Business Customer	Business Customer Marketing Info	Services and Equipment, Customer number of lines, class of service, network services utilized, Itemized bill, Payment history, Total billed revenue, In-service quantities, Customer contract information (CPE only), Feature equipment information, Monthly rates	User ID/Password restricted to major accounts sales personnel
BVT Billing Voucher and Treatment	Billing verification and adjustment	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, Itemized bill, Payment history, Total billed revenue, Calling patterns, In-service quantities, Usage data, Customer contract information, Feature equipment information, Monthly rates	Infrequent use, sales personnel will call non- aggressive support personnel
CABS Carrier Access Billing System	Access Billing	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, Itemized bill, Total billed revenue, Usage data, Monthly rates	User ID/ Password restricted to non-sales personnel

Database Name	Database Purpose	Types/Amount of CPNI	Method of Access Restriction
CBAS Customer Billing Access System	Front end to BVT	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, Itemized bill, Payment history, Total billed revenue, Calling patterns, In-service quantities, Usage data, Customer contract information, Feature equipment information, Monthly rates	Infrequent use, sales personnel will call non- aggressive support personnel
CBIS/OMAR Customer Billing and Information System	California account records systems	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, In-service quantities, Customer contract information, Feature equipment information	User ID

Database Name	Database Purpose	Types/Amount of CPNI	Method of Access Restriction
CBSS Customer Billing Services System	End User Billing	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, Itemized bill, Payment history, Total billed revenue, Calling patterns, In-service quantities, Usage data, Customer contract information, Feature equipment information, Monthly rates	User ID/Password
CMSS Customer Marketing and Service System	Front end to Service Order Systems	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, Itemized bill, Payment history, Total billed revenue, In-service quantities, Customer contract information, Feature equipment information, Monthly rates	User ID/Password
CNAS Circuit Network Administration System	Circuit design installation, maintenance, and reporting	Services and Equipment, Customer name, address, telephone number, class of service, network services utilized	User ID/Password restricted to non-sales personnel

Database Name	Database Purpose	Types/Amount of CPNI	Method of Access Restriction
COPS Customer Order Processing System	CPE ordering and billing	Services and Equipment, Customer name, address, telephone number, class of service, In-service quantities, Customer contract information, Feature equipment information, Monthly rates	User ID
CSIS Customer Service Information System	Access historical accrued billing data	Services and Equipment, Class of service, network services utilized, Itemized bill, Total billed revenue, Calling Patterns (jurisdiction only), In- service quantities, Usage data, Customer contract information, Feature equipment information, Monthly rates	User ID restricted to non-sales personnel
DMSS Direct Marketing Sales System	Delivers sales information from sales vendors to service reps for entry into ordering systems	Services and Equipment, Customer name, address, telephone number, class of service, Monthly rates	User ID/Password
EXACT Exchange Access Control and Tracking	Access ASR order processing	Services and Equipment, Customer name, address, telephone number, network services utilized	User ID/Password

Database Name	Database Purpose	Types/Amount of CPNI	Method of Access Restriction
MARK Mechanized Assignment Record Keeping	Allocates and assigns central office & outside plant facilities	Services and Equipment, Customer address, telephone number, number of lines, class of service, network services utilized, In- service quantities, Feature equipment information	User ID/Password
MARKSOE Mechanized Assignment Record Keeping Service Order Entry	Service order entry front end to MARK	Services and Equipment, Customer address, telephone number, number of lines, class of service, network services utilized, In- service quantities, Feature equipment information	User ID/Password
OPT-A-PRICE	Discounts existing tariff rates billed in CABS	Services and Equipment, Customer name, class of service, Usage data, Monthly rates	User ID/Password restricted to technical support personnel
PACS/PACMOD Provisioning Analysis Control System/Module	Data collection & provisioning interface for network elements	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, In- service quantities, Feature equipment information	User ID/Password

Database Name	Database Purpose	Types/Amount of CPNI	Method of Access Restriction
REVUNIT Revenue Unit	Revenue tracking	Services and Equipment, class of service, Total billed revenue, Customer contract information, Feature equipment information, Monthly rates	User ID restricted to non-sales personnel
SKS Select Knowledge System	Residential Customer Marketing Info	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, Itemized bill, Payment history, Total billed revenue, Calling patterns (not access MOU), In-service quantities, Usage data (not access MOU), Customer contract information, Feature equipment information, Monthly rates	User ID/Password restricted to Product Management personnel
SOLAR Service Order Load and Retrieval	California End user service order processing	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, In- service quantities, Customer contract information (limited), Feature equipment information, Monthly rates	User ID

Database Name	Database Purpose	Types/Amount of CPNI	Method of Access Restriction
SOP/SOG Service Order Processor/Service Order Generator	Access service order processing and tracking	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, Monthly rates	User ID/Password
SORCES Service Order Records Computer Entry System	End user service order processing	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, In- service quantities, Customer contract information (limited), Feature equipment information, Monthly rates	User ID
TAS Trouble Administration System	Telephone and circuit problem reporting and tracking	Customer name, address, telephone number, class of service	User ID restricted to non-sales personnel
TUF Translator to USOCs and FIDs	Access service order work aid	Services and Equipment, Customer name, address, telephone number, number of lines, class of service, network services utilized, Monthly rates	User ID/Password

## GTE CORPORATION (GTE) ONA SERVICES DEPLOYMENT SCHEDULES

MAY 30, 1995

The attached deployment schedules reflect GTE projections concerning the status of hardware and software that are needed to technically allow deployment of identified ONA services.

Regulatory approvals, market and economic conditions, technological changes, capacity limitations and feature package availabilities are uncertain. Moreover, the data used for the projections contained in these schedules have been extracted from "live" databases. As is normally true for any large interactive working database, occasional errors and inconsistences occur. Thus to confirm availability of ONA services in specific wire centers, customers will need to contact GTE.

SUMMARY FOR MARKET AREA: Total Market Areas - BSA's

Total Access Lines in: Total Market Areas Total = 11678349

Percentage Availability of ONA Services By Date for: Total Market Areas Total

Туре	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
BSA	Type A - X.25 Pkt Sw	Pkt Sw Ntwk Svc	64.2%	64.3%	64.3%	64.3%
BSA	Type B - X.75 PKt Sw	Pkt Sw Ntwk Svc	64.2%	64.3%	64.3%	64.3%
BSA	Dedicated Voice Grade	Voiceband	100.0%	100.0%	100.0%	100.0%
BSA	Dedicated Program Audio	Program Audio	100.0%	100.0%	100.0%	100.0%
BSA	Dedicated Video	Videoband	100.0%	100.0%	100.0%	100.0%
BSA	Type F - Ded <64kbps	Digital Data Svc-DDS	92.0%	92.0%	92.0%	92.1%
BSA	Type G - Ded 1.544Mbps	Hi Cap DS1 Svc	85.6%	85.6%	85.6%	85.6%
BSA	Type H - Ded > 1.544Mbps	Hi Cap DS3 Svc	66.0%	65.9%	65.8%	65.7%
BSA	Dedicated Alert Transport	Alarm Signal	87.6%	87.5%	87.5%	87.5%
BSA	Dedicated Network Access	Data Link	100.0%	100.0%	100.0%	100.0%
BSA	Type K - Ded 64kbps	Digital Data Svc DDS	48.48	48.2%	48.0%	47.9%
BSA	TypA - Ckt Sw Line	Voice Grade Line Ckt Sw'd	100.0%	100.0%	100.0%	100.0%
BSA	TypB - Ckt Sw Trunk	Voice Grade Trunk Ckt Sw	100.0%	100.0%	100.0%	100.0%

SUMMARY FOR MARKET AREA: Total Non Market Areas - BSA's

Total Access Lines in:

Total = 4480234

Percentage Availability of ONA Services By Date for Total

Туре	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
BSA	Type A - X.25 Pkt Sw	Pkt Sw Ntwk Svc	24.0%	24.0%	24.1%	24.1%
BSA	Type B - X.75 PKt Sw	Pkt Sw Ntwk Svc	24.0%	24.0%	24.1%	24.1%
BSA	Dedicated Voice Grade	Voiceband	100.0%	100.0%	100.0%	100.0%
BSA	Dedicated Program Audio	Program Audio	100.0%	100.0%	100.0%	100.0%
BSA	Dedicated Video	Videoband	100.0%	100.0%	100.0%	100.0%
BSA	Type F - Ded <64kbps	Digital Data Svc-DDS	80.0%	80.0%	80.0%	80.0%
BSA	Type G - Ded 1.544Mbps	Hi Cap DS1 Svc	53.5%	53.6%	53.6%	53.6%
BSA	Type H Ded > 1.54Mbps	Hi Cap DS3 Svc	22.4%	22.5%	22.6%	22.6%
BSA	Dedicated Alert Transport	Alarm Signal Transport	61.4%	61.5%	61.5%	61.6%
BSA	Dedicated Network Access	Data Link	100.0%	100.0%	100.0%	100.0%
BSA	Type K - Ded 64kbps	Digital Data Svc DDS	6.5%	6.68	6.7%	6.88
BSA	TypA - Ckt Sw Line	Voice Grade Line Ckt Sw'd	100.0%	100.0%	100.0%	100.0%
BSA	TypB - Ckt Sw Trunk	Voice Grade Trunk Ckt Sw	100.0%	100.0%	100.0%	100.0%

SUMMARY FOR MARKET AREA: Total Market Areas - BSE's

Total Access Lines in: Total Market Areas Total = 11678349

Percentage Availability of ONA Services By Date for Total Market Areas Total

Туре	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
BSE	Fast Select Accept Pkt	Fast Select	64.2%	64.3%	64.3%	64.3%
BSE	Fast Select Request Pkt	Fast Select	64.2%	64.3%	64.3%	64.38
BSE	Acc To Clr Ch Transmissn	Clear Channel Canability	100 0%		100.0%	100.0%
BSE	Automatic Protect Switchg	Automatic Protection Sw Bridging Conditioning DOVConnect DDS Secondary Channel	100.0%	100.0%	100.0%	100.0%
BSB	Bridging	Bridging	100.08	100.0%	100.0%	100.0%
BSB	Conditioning	Conditioning	100.0%	100.0%	100.0%	
BSE	Data Over Voice (DOV)	DOVConnect	100.0%	100.0%	100.0%	
BSE	Secondary Ch Capability	DDS Secondary Channel	100.0%	100.0%	100.0%	100.0%
BSB	Alternate Routing	Alternate Routing	100.0%	100 00	100 00	100 09
BSE	Cld DN Deliv via DID	Direct Inward Dialing	56.9%	78.3%	88.68	90.2%
BSE	Cllg Bllg Num Deliv FG B	Automatic No, ID	56.9%	78.2%	88.5%	90.2%
BSE	Cllg Bllg Num Deliv FG D	Automatic No. ID	58.5 <sup>₺</sup>	79.4%	89.5%	91.2%
BSE	Cllg DA Deliv via BCLID	Clg No.ID Delivy CLASS	56.1%	76.78	86.8%	88.3%
BSE	CXR Select On Rvse Charg	Direct Inward Dialing Automatic No. ID Automatic No. ID Clg No.ID Delivy CLASS 800 Service Frwd Cl Info-Intraoffice	57.0%	78.3%	88.6%	90.3%
BSE	Message Desk (SMDI)	Frwd Cl Info-Intraoffice	56.1%	76.7%	86.8%	88.3%
898	mwi- Activation Audible	WAT WOOTDIG	54.46	75.06	85.16	80.08
BSB	Multiline Hunt Group	Runt Group Arrangement Uniform Call Distribution	59.1%	80.5%	90.8%	92.5%
BSE	MLHG-UCD Line Hunting	Uniform Call Distribution	58.0%	78.6%	88.7%	90.2%
BSE	MLHG - UCD With Queuing	Queuing User Transfer Foreign Exchange Diversity Routing	55.8%	76.4%	86.4%	87.9%
BSB	Three Way Call Transfer	User Transfer	57.2%	77.8%	87.9%	89.4%
BSE	Remote Call Forwarding	Foreign Exchange	59.0%	80.2%	90.4%	92.0%
BSE	Route Diversity	Diversity Routing	57.C%	78.3%	88.6%	90.3%
BSE	3rd No. Bllg Inhibited	Blld No. Screen'g (BNS)	58.3%	79.8%	90.1%	91.7%
BSE	Multiplexing - Digital	Blld No. Screen'g (BNS) Multiplexing Arrangements	100.0%		100.0%	
BSE	Inband Signaling	Signaling Arrangements	100.0%		100.0%	
BSB		Prior Pkt Sw'd Ntw Suppl	19.8%	20.4%	20.5%	20.8%
BSE		MegaConnect Svc (SMDS)	28.6%	28.6%	28.7%	28.8%
BSE		MWI Actvtn Audbl Rng Brst				
BSE	Hi Cap Hand-Off Svc	ControlLink DCS	100.0%	100.0%	100.0%	100.0%

SUMMARY FOR MARKET AREA: Total Non Market Areas - BSE's

Total Access Lines in:

Total = 4480234

Percentage Availability of ONA Services By Date for Total

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Туре	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
BSE	Fast Select Accept Pkt	Fast Select	24.0%	24.0%	24.1%	24.1%
BSB	Past Select Request Pkt	Fast Select	24.0%	24.0%	24.1%	24.1%
BSB	Acc To Clr Ch Transmissn	Clear Channel Capability	100.0%	100.0%	100.0%	100.0%
BSE	Automatic Protect Switchg	Automatic Protection Sw	100 0%	100.0%	100.0%	100.0%
BSE	Bridging	Bridging Conditioning	100.0%		100.0%	100.0%
BSB	Conditioning	Conditioning	100.0%	100.0%	100.0%	100.0%
BSB	Data Over Voice (DOV)	DOVConnect	100.0%	100.0%	100.0%	100.0%
BSB	Secondary Ch Capability	DDS Secondary Channel	100.0%	100.0%	100.0%	100.0%
BSE	Alternate Routing	Alternate Routing	100.0%	100.0%	100.0%	100.0%
BSE	Cld DN Deliv via DID	Direct Inward Dialing	46.3%	53.0%	69.0%	71.0%
BSE	Cllg Bllg Num Deliv FG B	Automatic No. ID	45.5%	52.2%	68.2%	70.2%
BSE	Cllg Bllg Num Deliv FG D	Automatic No. ID	57.3%	64.98	80.9%	82.9%
BSE	Cllg DA Deliv via BCLID	Clg No.ID Delivy CLASS	49.2%	56.6%	72.3%	74.3%
BSE	CXR Select On Rvse Charg	DDS Secondary Channel Alternate Routing Direct Inward Dialing Automatic No. ID Automatic No. ID Clg No. ID Delivy CLASS 800 Service Brwd Cl. Info-Intraoffice	46.3%	53.0%	69.0%	71.1%
BSE	Message Desk (SMDI)					74.4%
BSB	MWI- Activation Audible	MWI Audible Hunt Group Arrangement Uniform Call Distribution	46.0%	53.2%	68.9%	70.9%
BSE	Multiline Hunt Group	Hunt Group Arrangement	59.6%	67.2%	83.2%	85.28
BSE	MLHG-UCD Line Hunting	Uniform Call Distribution	57.48	65.0%	80.8%	82.8%
BSB	MLHG - UCD With Queuing	Queuing	43.9%	50.6%	66.4%	68.4%
BSE	Three Way Call Transfer	Queuing User Transfer	54.1%	61.6%	77.4%	79.4%
BSE	Remote Call Forwarding	Foreign Exchange	58.4%	66.0%		83.9%
BSE	Route Diversity	Diversity Routing	46.3%			71.1%
BSE	3rd No. Bllg Inhibited	Blld No. Screen'g (BNS) Multiplexing Arrangements	59.7%	67.3%	83.3%	85.38
BSB	Multiplexing - Digital	Multiplexing Arrangements	100.0%	100.0%	100.0%	100.0%
BSB	Inband Signaling	Signaling Arrangements	100.0%	100.0%	100.0%	100.0%
BSE		Prior Pkt Sw'd Ntw Suppl	20.8%	21.0%	21.2%	21.3%
BSE		MegaConnect Svc (SMDS)	7.8%	7.9%	7.9%	8.0%
BSE		MegaConnect Svc (SMDS) MWI Actvtn Audbl Rng Brst	6.2%	12.3%	27.8%	29.7%
BSE	Hi Cap Hand-Off Svc	ControlLink DCS	100.0%	100.0%	100.0%	100.0%

SUMMARY FOR MARKET AREA: Total Market Areas - CNS's

Total Access Lines in: Total Market Areas Total = 11678349

Percentage Availability of ONA Services By Date for Total Market Areas Total

		*				
Туре	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
CNS	Call Det Recd'g Rpts- Pkt	Call Detail - Pkt	64.2%	64.3%	64.3%	
		^ 1 .	~ A ~ O 0	C 4 3 0.	C 4 3 %	64.3%
CNS	Fast Select Request Pkt	Fast Select	64.2%	64.38	64.3%	64.3%
CNS	Derived Ch (Monitoring)	ScanAlert	40.4%	40.2%	40.2%	40.1%
CNS	Automatic Callback	Automatic Busy Redial	57.6%	78.28	88.3%	89.8%
CNS	Automatic Recall	Automatic Call Return	57.5%	78.1%	88.2%	89.7%
CNS	CFBL Intraswitch	Call Fwd Bsy Li - Fixed	58.8%	80.2%	90.5%	92.1%
CNS	CFBL Interswitch	Call Fwd Bsy Li - Fixed	34.1%	46.3%	55.5%	57.2%
CNS	CFBL/DA-Cust Act/Deact	Cl Fwd-B/No Ans- Variable	57.1%	78.5%	88.8%	90.4%
CNS	CFBL/DA-Cust Fwd To No.	Cl Fwd-B/No Ans- Variable	58.88	80.2%	90.5%	92.1%
CNS	CFDA Intraswitch	Cl Fwd-No Ans-Fixed	58.6%	80.0%	90.3%	92.0%
CNS	CFDA Interswitch	Fast Select Fast Select ScanAlert Automatic Busy Redial Automatic Call Return Call Fwd Bsy Li - Fixed Call Fwd-B/No Ans- Variable Cl Fwd-B/No Ans- Variable Cl Fwd-No Ans-Fixed	58.78	80.2%	90.4%	92.1%
CNS	CF Mult Sim Call Intersw	Cl Pwd'g - Multipath Variable Cl Pwd'g Variable Call Forwarding	55.9%	76.48	86.5%	88.0%
CNS	CF - Variable	Variable Cl Fwd'g	59.1%	80.6%	90.8%	92.5%
CNS	CF Var Act w/o Crtsy Cal	Variable Call Forwarding	12.1%	12.6%	12.7%	12.9%
CNS	CF Var - Remote Act/Cont	Remote Access-CF Variable	54.3%	74.8%	84.9%	86.4%
CNS	Call Waiting - Cancel	Cancel Call Waiting	58.18	79.2%	89.5%	91.0%
CNS	Cllq DA Deliv via BCLID	Clq No. ID Delivy CLASS	54.9%	75.5%	85.6%	87.1%
CNS	Customer Originated Trace	Call Tracing Service	57.6%	78.2%	88.3%	89.8%
CNS	Distinctive Ringing	VIP Alert	57.2%	77.8%	87.9%	89.4%
CNS	Dist Ring Term Screen	Smart Ring	58.0%	79.1%	89.3%	90.8%
CNS	Hot Line	Auto Ring Dwn Ckt Signal	59.1%	80.5%	90.8%	92.5%
CNS	MWI-ATR Audible Msg Wtg	Recieve Audible MWI	48.28	68.8%	78.8%	80.3%
INS	Selective Call Forward'g	Special Call Forwarding	57.2%	77.8%	87.9%	89.4%
CNS	Selective Call Rejection	Call Block	57.28	77.8%	87.9%	89.4%
CNS	Speed Calling	Speed Cllq - 8 & 30 Nos.	59.1%	80.6%	90.8%	92.5%
CNS	1	Busy Number Redial	56.0%	76.6%	86.7%	88.2%
CNS		Saved Number Redial	32.68	52.6%	62.5%	63.8%
CNS		Last Number Redial	56.0%	76.6%	86.7%	88.2%
CNS	Call Waiting	Call Waiting	58.2%	79.6%	89.9%	91.6%
CNS	Three Way Calling	Remote Access-CF Variable Cancel Call Waiting Clg No. ID Delivy CLASS Call Tracing Service VIP Alert Smart Ring Auto Ring Dwn Ckt Signal Recieve Audible MWI Special Call Forwarding Call Block Speed Cllg - 8 & 30 Nos. Busy Number Redial Saved Number Redial Last Number Redial Call Waiting Three Way Calling Remote Call Forwarding Cll Frwd'g Fixed-All clls Cll Frwd Bsy No Ans.Fixed	58.18	79.68	89.9%	91.5%
CNS	Remote Call Forwarding	Remote Call Forwarding	57.9%	79.3%	89.6%	91.3%
CNS	<b>3</b>	Cll Frwd'g Fixed-All clls	58.1%	79.6%	89.9%	91.5%
CNS	CFBL/DA	Cll Frwd Bsy No Ans. Fixed	58.1%	79.5%	89.8%	91.4%
CNS	•	Special Call Waiting	45.6%	65.98	75.9%	77.2%
CNS		Special Call Acceptance	45.6%	65.9%	75.9%	77.2%
CNS		Anonymous Call Rejection	12.6%	23.5%	32.4%	33.8%
CNS	3rd No. Bllg Inhidited	Blld No. Screen'g (BNS)	58.3%	79.8%	90.1%	91.7%
CNS	<b></b>	Call Restriction Service	58.3%	79.8%	90.1%	91.7%
CNS		MWI Abl Rcv Adbl Rng Brst	24.8%	44.78	54.6%	55.8%
CNS		GTB Dial Datalink	100.0%	100.0%	100.0%	100.0%
CNS		Cust Controllable Ringing	47 5%	57.98	77.98	79.3%
		<b>3</b> 5				

SUMMARY FOR MARKET AREA: Total Non Market Areas - CNS's

Total Access Lines in:

Total = 4480234

Percentage Availability of ONA Services By Date for

Туре	Generic Name of ONA Serv  Call Det Recd'g Rpts-Pkt Fast Select Accept Pkt Fast Select Request Pkt Derived Ch (Monitoring) Automatic Callback Automatic Recall CFBL Intraswitch CFBL Interswitch CFBL/DA-Cust Act/Deact CFBL/DA-Cust Pwd To No. CFDA Intraswitch CF Mult Sim Call Intersw CF - Variable CF Var Act w/o Crtsy Cal CF Var - Remote Act/Cont Call Waiting - Cancel Cllg DA Deliv via BCLID Customer Originated Trace Distinctive Ringing Dist Ring Term Screen Hot Line MWI-ATR Audible Msg Wtg Selective Call Forward'g Selective Call Rejection Speed Calling  Call Waiting Three Way Calling Remote Call Forwarding  CFBL/DA	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
CNS	Call Det Recd'g Rpts- Pkt	Call Detail - Pkt	24.0%	24.0%	24.1%	24.1%
CNS	Fast Select Accept Pkt	Fast Select	24.0%	24.0%	24.1%	24.1%
CNS	Fast Select Request Pkt	Fast Select	24.0%	24.0%	24.1%	24.1%
CNS	Derived Ch (Monitoring)	ScanAlert	1.8%	1.8%	1.8%	1.8%
CNS	Automatic Callback	Automatic Busy Redial	55.2%	62.7%	78.5%	80.5%
CNS	Automatic Recall	Automatic Call Return	55.2%	62.78	78.5%	80.5%
CNS	CFBL Intraswitch	Call Fwd Bsy Li - Fixed	57.7%	65.3%	81.3%	83.3%
CNS	CFBL Interswitch	Call Fwd Bsy Li - Fixed	52.4%	53.9%	65.6%	67.6%
CNS	CFBL/DA-Cust Act/Deact	Cl Fwd-B/No Ans- Variable	54.4%	61.8%	77.8%	79.8%
CNS	CFBL/DA-Cust Fwd To No.	Cl Pwd-B/No Ans- Variable	57.48	65.0%	81.0%	83.0%
CNS	CFDA Intraswitch	Cl Fwd-No Ans-Fixed	57.18	64.6%	80.6%	82.7%
CNS	CFDA Interswitch	Cl Fwd-No Ans-Fixed	57.1%	64.7%	80.7%	82.8%
CNS	CF Mult Sim Call Intersw	Cl Fwd'g - Multipath	44.1%	50.8%	66.6%	68.6%
CNS	CF - Variable	Variable Cl Fwd'q	59.9%	67.5%	83.5%	85.5%
CNS	CF Var Act w/o Crtsv Cal	Variable Call Forwarding	10.0%	10.2%	10.3%	10.3%
CNS	CP Var - Remote Act/Cont	Remote Access-CF Variable	46.38	53.5%	69.3%	71.2%
CNS	Call Waiting - Cancel	Cancel Call Waiting	57.6%	65.2%	81.0%	83.0%
CNS	Cllo DA Deliv via BCLID	Cla No. ID Delivy CLASS	45.8%	53.2%	69.0%	71.0%
CNS	Customer Originated Trace	Call Tracing Service	54.8%	62.4%	78.2%	80.2%
CNS	Distinctive Ringing	VIP Alert	55.1%	62.7%	78.5%	80.5%
CNS	Dist Ring Term Screen	Smart Ring	57.2%	64.88	80.6%	82.6%
CNS	Hot Line	Auto Ring Dwn Ckt Signal	59.4%	67.0%	83.0%	85.0%
CNS	MWI-ATP Andible Med Wto	Recieve Audible MWI	40.0%	47.3%	63.0%	65.0%
CNS	Calactive Call Forward's	Special Call Forwarding	55.0%	62.6%	78.4%	80.4%
CNS	Selective Call Peiection	Call Block	55.1%	62.7%	78.5%	80.4%
CNS	Chart Calling	Speed Clla - 8 & 30 Nos	59 98	67.5%	83 5%	85.5%
CNS	speed calling	Rucy Number Dedial	55.28	62 7%	78 5%	80.5%
CNS		Cauch Number Redial	15 8%	22.0%	37 6%	२५ ५%
CNS		Last Number Redial	55.68	63.2%	79 0%	81 0%
CNS	Call Waiting	Call Waiting	53.00 59.5%	67 18	83.1%	85 1%
CNS	Three Way Calling	Three Way Calling	50 68	67.28	83.2%	85 28
CNS	Pomoto Call Porwarding	Pomoto Call Porwarding	57.00	45 3%	R1 3%	R7 7%
CNS	Remote Call Folwarding	Cll Prudia Pivad-All alla	50.7%	67.48	87.4%	85 <b>4</b> %
CNS	מסט /הא	(1) Prud Day No And Pivod	50.79	65 Q2	Q1 Q2	R7 Q%
CNS	Crbb) DA	Special Call Waiting	50.50	50.68	75.4%	77.5%
CNO		Chagial Call Matering	52.1%	59.6%	75.4%	77.5%
CNS CNS		Special Call Acceptance Anonymous Call Rejection	33.7%	34.9%	46.3%	48.2%
	and No. Bile Inhidited	1 3		54.5° 67.1%	83.2%	85.2%
CNS	3rd No. Bllg Inhidited	Blld No. Screen'g (BNS)	59.5% 50.5%	67.18	83.2%	85.2%
CNS		Call Restriction Service	59.5%		03.28 27.88	29.7%
CNS		MWI Abl Rev Adbl Rng Brst	6.2%	12.3%		100.0%
CNS		GTB Dial Datalink	100.0%	100.0%	100.0%	
CNS		Cust Controllable Ringing	38.5%	45.8%	61.4%	63.3%

SUMMARY FOR MARKET AREA: ABILENE

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Total Access Lines in: ABILENE

Total =

2012

Percentage Availability of ONA Services By Date for ABILENE Total

rerce	illage Availability of ONA 5	ervices by Date for Abibbas		10001		
Туре	Generic Name of ONA Serv	Product Name of ONA Serv  Pkt Sw Ntwk Svc Pkt Sw Ntwk Svc Voiceband Program Audio Videoband Digital Data Svc-DDS Hi Cap DS1 Svc Hi Cap DS3 Svc Alarm Signal Data Link Digital Data Svc DDS Voice Grade Line Ckt Sw'd Voice Grade Trunk Ckt Sw Fast Select Clear Channel Capability Automatic Protection Sw Bridging Conditioning DOVConnect DDS Secondary Channel Alternate Routing Direct Inward Dialing Automatic No. ID Automatic No. ID Clg No. ID Delivy CLASS 800 Service Frwd Cl Info-Intraoffice MWI Audible Hunt Group Arrangement Uniform Call Distribution Queuing User Transfer Foreign Exchange Diversity Routing Blld No. Screen'g (BNS)	12/31/94	12/31/95	12/31/96	12/31/97
BSA	Type A - X.25 Pkt Sw	Pkt Sw Ntwk Svc	0.0%	0.0%	0.0%	0.0%
BSA	Type B - X.75 PKt Sw	Pkt Sw Ntwk Svc	0.0%	0.0%	0.0%	0.0%
BSA	Dedicated Voice Grade	Voiceband	100.0%	100.0%	100.0%	100.0%
BSA	Dedicated Program Audio	Program Audio	100.0%	100.0%	100.0%	100.0%
BSA	Dedicated Video	Videoband	100.0%	100.0%	100.0%	100.0%
BSA	Type F - Ded <64kbps	Digital Data Svc-DDS	85.5%	85.5%	85.4%	85.3%
BSA	Type G - Ded 1.544Mbps	Hi Cap DS1 Svc	85.5%	85.5%	85.4%	85.3%
BSA	Type H - Ded > 1.544Mbps	Hi Cap DS3 Svc	0.0%	0.0%	0.0%	0.0%
BSA	Dedicated Alert Transport	Alarm Signal	0.0%	0.0%	0.0%	0.0%
BSA	Dedicated Network Access	Data Link	100.0%	100.0%	100.0%	100.0%
BSA	Type K - Ded 64kbps	Digital Data Svc DDS	0.0%	0.0%	0.0%	0.0%
BSA	TypA - Ckt Sw Line	Voice Grade Line Ckt Sw'd	100.0%	100.0%	100.0%	100.0%
BSA	TypB - Ckt Sw Trunk	Voice Grade Trunk Ckt Sw	100.0%	100.0%	100.0%	100.0%
BSB	Fast Select Accept Pkt	Past Select	0.0%	0.0%	0.0%	0.0%
BSB	Fast Select Request Pkt	Fast Select	0.0%	0.0%	0.0%	0.0%
BSB	Acc To Clr Ch Transmissn	Clear Channel Capability	100.0%	100.0%	100.0%	100.0%
BSB	Automatic Protect Switchg	Automatic Protection Sw	100.0%	100.0%	100.0%	100.0%
BSE	Bridging	Bridging	100.0%	100.0%	100.0%	100.0%
BSB	Conditioning	Conditioning	100.0%	100.0%	100.0%	100.0%
BSE	Data Over Voice (DOV)	DOVConnect	100.0%	100.0%	100.0%	100.0%
BSE	Secondary Ch Capability	DDS Secondary Channel	100.0%	100.0%	100.0%	100.0%
BSE	Alternate Routing	Alternate Routing	100.0%	100.0%	100.0%	100.0%
BSB	Cld DN Deliv via DID	Direct Inward Dialing	85.5%	85.5%	85.4%	85.3%
BSB	Clla Blla Num Deliv FG B	Automatic No. ID	85.5%	85.5%	85.4%	85.3%
BSE	Cllg Bllg Num Deliv FG D	Automatic No. ID	85.5%	85.5%	85.4%	85.3%
BSE	Cllg DA Deliv via BCLID	Clq No.ID Delivy CLASS	0.0%	0.0%	0.0%	0.0%
BSE	CXR Select On Rvse Charq	800 Service	85.5%	85.5%	85.4%	85.3%
BSE	Message Desk (SMDI)	Frwd Cl Info-Intraoffice	0.0%	0.0%	0.0%	0.0%
BSE	MWI- Activation Audible	MWI Audible	0.0%	0.0%	0.0%	0.0%
BSE	Multiline Hunt Group	Hunt Group Arrangement	85.5%	85.5%	85.4%	85.3%
BSB	MLHG-UCD Line Hunting	Uniform Call Distribution	85.5%	85.5%	85.4%	85.3%
BSE	MLHG - UCD With Queuing	Queuing	85.5%	85.5%	85.4%	85.3%
BSE	Three Way Call Transfer	User Transfer	85.5%	85.5%	85.4%	85.3%
BSB	Remote Call Forwarding	Foreign Exchange	85.5%	85.5%	85.4%	85.3%
BSE	Route Diversity	Diversity Routing	85.5%	85.5%	85.4%	85.3%
BSE	3rd No. Bllg Inhibited	Blld No. Screen'g (BNS)	85.5%	85.5%	85.4%	85.3%
BSE	Multiplexing - Digital	Multiplexing Arrangements	100.0%	100.0%	100.0%	100.0%
BSE	Inband Signaling	Signaling Arrangements	100.0%	100.0%	100.0%	100.0%
BSE		Prior Pkt Sw'd Ntw Suppl	0.11%	0.0%	0.0%	0.0%
BSE		MegaConnect Svc (SMDS)	0.0%	80.0	0.0%	0.0%
BSB		MWI Actvtn Audbl Rng Brst	0.0%	0.0%	0.0%	0.0%
BSE	Hi Cap Hand-Off Svc	ControlLink DCS	100.0%	100.0%	100.0%	100.0%
CNS	Call Det Recd'g Rpts- Pkt	Call Detail - Pkt	0.1%	0.0%	0.0%	0.0%
CNS	Fast Select Accept Pkt	Fast Select	80.0	0.0%	0.0%	0.0%
CNS	Fast Select Request Pkt	Fast Select	0.0%	0 0%	0.0%	0.0%
CNS	Derived Ch (Monitoring)	ScanAlert	0.08	0.0%	0.0%	0.0%
CNS	Automatic Callback	Automatic Busy Redial	85.5%	85.5%	85.4%	85.3%
CNS	Automatic Recall	Automatic Call Return	85.5%	85.5%	85.4%	85.3%

SUMMARY FOR MARKET AREA: ABILENE

TX

Total Access Lines in: ABILENE

Total = 2012

Percentage Availability of ONA Services By Date for ABILENE

Гуре	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
NS	CFBL Intraswitch	Call Fwd Bsy Li - Fixed Call Fwd Bsy Li - Fixed Cl Fwd-B/No Ans- Variable Cl Fwd-B/No Ans- Variable	85.5%	85.5%	85.4%	85.3%
NS	CFBL Interswitch	Call Fwd Bsy Li - Fixed	85.5%	85.5%	85.4%	
S	CFBL/DA-Cust Act/Deact	Cl Fwd-B/No Ans- Variable	85.5%	85.5%	85.4%	85.3%
IS	CFBL/DA-Cust Fwd To No.	Cl Fwd-B/No Ans- Variable	85.5%	85.5%	85.4%	
S	CFDA Intraswitch	Cl Fwd-No Ans-Fixed	85.5%	85.5%	00.46	85.3%
S	CFDA Interswitch	Cl Fwd-No Ans-Fixed	85.5%		85.4%	85.3%
S	CF Mult Sim Call Intersw	Cl Fwd'g - Multipath	85.5%	85.5% 85.5% 85.5%	85.4%	85.3%
S	CF - Variable	Variable Cl Fwd'q	85.5%	85.5%	85.4%	85.3%
S	CF Var Act w/o Crtsy Cal	Variable Call Forwarding	85.5%	85.5%	85.4%	85.3%
S	CF VAR - Remote Act/Cont	Remote Access-CF Variable	0.0%	0.0%	0.0%	0.0%
S	Call Waiting - Cancel	Cancel Call Waiting	85.5%	85.5%	85.4%	85.3%
S	Cllq DA Deliv via BCLID	Clq No.ID Delivy CLASS	0.08	0.0%	0.0%	0.0%
S	Customer Originated Trace	Call Tracing Service	85.5%	85.5%	85.4%	85.3%
S	Distinctive Ringing	VIP Alert	85.5%	85.5%	85.4%	85.3%
S	Dist Ring Term Screen	Smart Ring	85.5%	85.5%	85.4%	85.3%
S	Hot Line	Auto Ring Dwn Ckt Signal	85.5%	85.5%	85.4%	85.3%
S	MWI-ATR Aubible Msg Wtg	Receive Audible MWI	0.0%	0.0%	0.0%	0.0%
3	Selective Call Forward'q	Special Call Forwarding	85.5%	85.5%	85.4%	85.3%
3	Selective Call Rejection	Cl Fwd'g - Multipath Variable Cl Fwd'g Variable Call Forwarding Remote Access-CF Variable Cancel Call Waiting Clg No.ID Delivy CLASS Call Tracing Service VIP Alert Smart Ring Auto Ring Dwn Ckt Signal Receive Audible MWI Special Call Forwarding Call Block Speed Cllg - 8 & 30 Nos. Busy Number Redial Saved Number Redial Last Number Redial Call Waiting	85.5%	85.5%	85.4%	85.3%
3	Speed Calling	Speed Cllq - 8 & 30 Nos.	85.5%	85.5%	85.4%	85.3%
3	3	Busy Number Redial	85.5%	85.5%	85.4%	85.3%
S		Saved Number Redial	0.0%	0.0%	0.0%	0.0%
S		Last Number Redial	85.5%	85.5%	85.4%	85.3%
S	Call Waiting	Call Waiting	85.5%	85.5%	85.4%	85.3%
S	Three Way Calling	Three Way Calling	85.5%	85.5%	85.4%	85.3%
IS	Remote Call Forwarding	Call Waiting Three Way Calling Remote Call Forwarding Cll Frwd'g Fixed-All clls Cll Frwd Bsy No Ans.Fixed Special Call Waiting Special Call Acceptance	85.5%	85.5%	85.4%	85.3%
S	J	Cll Frwd'g Fixed-All clls	85.5%	85.5%	85.4%	85.3%
S	CFBL/DA	Cll Frwd Bsy No Ans. Fixed	85.5%	85.5%	85.4%	85.3%
S	,	Special Call Waiting	85.5%	85.5%	85.4%	85.3%
S		Special Call Acceptance	85.5%	85.5%	85.4%	85.3%
S		Anonymous Call Rejection	60.0%	00.00	00.40	
S	3rd No. Bllg Inhibited	Blld No. Screen'q (BNS)	85.5%	85.5%	85.4%	
S	•	Call Restriction Service	85.5%	85.5%	85.4%	85.3%
S		MWI Abl Rcv Adbl Rng Brst	0.0%	0,0%	0.0%	0.0%
<b>V</b> S		GTB Dial Datalink	100.0%	100.0%	100.0%	100.0%
1S		Cust.Controllable Ringing	QK 59	ያር ናይ	25 4%	85.3%

SUMMARY FOR MARKET AREA: ALBUQUERQUE

ROUE

Total Access Lines in: ALBUQUERQUE

Total =

NM

2282

Percentage Availability of ONA Services By Date for ALBUQUERQUE

Perce	neage availability of our s	ervices by Date for Abbogob	w y o o	10041		
		Product Name of ONA Serv				
BSA	Type A - X.25 Pkt Sw	Pkt Sw Ntwk Svc Pkt Sw Ntwk Svc Voiceband Program Audio Videoband Digital Data Svc-DDS Hi Cap DS1 Svc Hi Cap DS3 Svc Alarm Signal Data Link Digital Data Svc DDS Voice Grade Line Ckt Sw'd Voice Grade Trunk Ckt Sw	0.0%	0.0%	0.0%	0.0%
BSA	Type B - X.75 PKt Sw	Pkt Sw Ntwk Svc	0.0%	0.0%	0.0%	0.0%
BSA	Dedicated Voice Grade	Voiceband	100.0%	100.0%	100.0%	100.0%
BSA	Dedicated Program Audio	Program Audio	100.0%	100.0%	100.0%	100.0%
BSA	Dedicated Video	Videoband	100.0%	100.0%	100.0%	100.0%
BSA	Type R - Ded <64kbps	Digital Data Syc-DDS	95.5%	95.5%	95.5%	95.4%
BSA	Type G - Ded 1.544Mbps	Hi Cap DS1 Svc	24.1%	24.48	24.8%	25.3%
BSA	Type H - Ded > 1 544Mbps	Hi Can DS3 Svc	0.0%	0.0%	0.0%	0.0%
BSA	Dedicated Alert Transport	Alarm Signal	41.9%	41.3%	41.0%	40.6%
BSA	Dedicated Network Access	Data Link	100.0%	100.0%	100.0%	100.0%
BSA	Type K - Ded 64khns	Digital Data Svc DDS	0.0%	0.0%	0.0%	0.0%
BSA	Tunh - Ckt Sw Line	Voice Grade Line Ckt Sw'd	100.0%	100.0%	100.0%	100.0%
BSA	Tunk - Cht Cw Trunk	Voice Grade Trunk Ckt Sw	100.00	100.0%	100.0%	100.0%
BSE	Ract Coloct Accent Dkt	Ract Colect	0.0%	0 0%	0.0%	0.0%
BSE	Pact Calout Paguage Dkt	Digital Data Svc DDS Voice Grade Line Ckt Sw'd Voice Grade Trunk Ckt Sw Fast Select Fast Select Clear Channel Capability Automatic Protection Sw Bridging Conditioning DOVConnect DDS Secondary Channel Alternate Routing Direct Inward Dialing Automatic No. ID Automatic No. ID Clg No.ID Delivy CLASS 800 Service Frwd Cl Info-Intraoffice MWI Audible Hunt Group Arrangement Uniform Call Distribution	0. <b>0</b> 0	0.0%	0.0%	0.0%
BSB	Age To Clr Ch Transmissen	Clear Channel Canability	100 08	100.0%	100 0%	100.0%
BSE	Automatic Protect Cwitche	Automatic Drotection Cw	100.00	100.00	100.0%	100.0%
20d	Pridaina	Dridging	100.08	100.00	100.00	100.0%
BSE	Conditioning	Conditioning	100.0%	100.00	100.00	100.0%
BSE	Pata Ores Raige (PAN)	DOUGOTTORING	100.00	100.00	100.00 100 በይ	100.0%
BSE	Casandawa Ch Canability	DDC Cocondany (hannol	100.0%	100.00	100.08	100.0%
BSE	Secondary (II Capability	DDS Secondary Channel	100.00	100.0% 100.0%	100.0% 100.0%	100.0%
BSB	Alternate Routing	Alternate Routing	100.06	100.0% 100.0%	100.0%	100.0%
BSE	CIO DN DELLY VIA DID	Direct inward Didiing	100.08	100.00 100.00	100.08 100.08	100.0%
BSB	Clig Bilg Num Deliv FG B	Automatic No. ID	100.0%	100.03 100.0\$	100.08	100.0%
BSE	Clig Bilg Num Deliv FG D	Automatic No. 1D	100.01	100.08 A A&	0.0%	0.0%
BSB	CIIG DA Deliv Via BULID	CIG NO.ID DELIVY CLASS	100 08	0.08 100 08	ህ. ህን 1 ስለ ስዬ	100.0%
BSE	CAR Select on Ryse charg	Now Service	700.0%	700.02	100.0%	0.0%
BSB	message Desk (SMDI)	Frwd Ul inio-intraolitice	U. U.S	0.08	0.08	U. UB N. NE
BSB	MWI- Activation Audible	MW1 AUGIDIE	U, Us	U.U8	U.U%	0.0%
BSB	Multiline Hunt Group	Hunt Group Arrangement Uniform Call Distribution	100.08	100.08	100.0%	100.0%
	<u> </u>	Uniform Call Distribution	100.08			
BSE	MLHG - UCD With Queuing	Queuing User Transfer Foreign Exchange	100.08	100.0%	100.0%	100.0%
BSE	Three Way Call Transfer	User Transfer	100.0%		100.0%	100.0%
BSB	Remote Call Forwarding	Foreign Exchange	100.0%	100.0%	100.0%	100.0%
BSB	Route Diversity	Diversity Routing	100.00	100.0%	100.0%	100.0%
BSB	3rd No. Bllg Inhibited	Blld No. Screen'g (BNS)	100.0%	100.0%	100.0%	100.0%
BSB	Multiplexing - Digital	Multiplexing Arrangements	100.0%	100.0%	100.0%	100.0%
BSE	Inband Signaling	Signaling Arrangements	100.0%	100.0%	100.0%	100.0%
BSE		Prior Pkt Sw'd Ntw Suppl	0.0%	0.0%	0.0%	0.0%
BSB		MegaConnect Svc (SMDS)	0.0%	0.0%	0.0%	0.0%
BSE		MWI Actvtn Audbl Rng Brst	0.0%	0.0%	0.0%	0.0%
BSE	Hi Cap Hand-Off Svc	ControlLink DCS	100.0%	100.0%	100.0%	100.0%
CNS	Call Det Recd'g Rpts- Pkt	Call Detail - Pkt	0.0%	0.0%	0.0%	0.0%
CNS	Past Select Accept Pkt	Past Select	0.0%	0.0%	0.0%	0.0%
CNS	Past Select Request Pkt	Past Select	0.0%	0.0%	0.0%	0.0%
CNS	Derived Ch (Monitoring)	ScanAlert	0.0%	0.0%	0.0%	0.0%
CNS	Automatic Callback	Automatic Busy Redial	100.0%	100.0%	100.0%	100.0%
CNS	Automatic Recall	Automatic Call Return	100.0%	100.0%	100.0%	100.0%

SUMMARY FOR MARKET AREA: ALBUQUERQUE

ROUE

Total Access Lines in: ALBUQUERQUE

Total =

NM

2282

Percentage Availability of ONA Services By Date for ALBUQUERQUE

Type	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
CNS	CFBL Intraswitch	Call Fwd Bsy Li - Fixed Call Fwd Bsy Li - Fixed Cl Fwd-B/No Ans- Variable Cl Fwd-B/No Ans- Variable	100.0%	100.0%	100.0%	100.0%
CNS	CFBL Interswitch	Call Fwd Bsy Li - Fixed	100.0%	100.0%	100.0%	100.0%
INS	CFBL/DA-Cust Act/Deact	Cl Fwd-B/No Ans- Variable	100.0%	100.0%	100.0%	100.0%
NS	CFBL/DA-Cust Fwd To No.	Cl Fwd-B/No Ans- Variable	100.0%	100.0%	100.0%	100.0%
NS	CFDA Intraswitch	Cl Fwd-No Ans-Fixed	100.0%	100.0%	100.0%	100.0%
NS	CFDA Interswitch	Cl Fwd-No Ans-Fixed	100.0%	100.0%	100.0%	100.0%
NS	CF Mult Sim Call Intersw	Cl Fwd'g - Multipath	100.0%	100.0%	100.0%	100.0%
NS	CF - Variable	Variable Cl Fwd'q	100.0%	100.0%	100.0%	100.0%
NS	CF Var Act w/o Crtsy Cal	Variable C1 Fwd'g Variable Call Forwarding	100.0%	100.0%	100.0%	100.0%
NS	CF VAR - Remote Act/Cont	Remote Access-CF Variable	0.0%	0.0%	0.0%	0.08
NS	Call Waiting - Cancel	Cancel Call Waiting	100.0%	100.0%	100.0%	100.0%
NS	Cllg DA Deliv via BCLID	Clg No.ID Delivy CLASS Call Tracing Service	0.0%	0.0%	0.0%	0.0%
NS	Customer Originated Trace	Call Tracing Service	100.0%	100.0%	100.0%	100.0%
NS	Distinctive Ringing	VIP Alert	100.0%	100.0%	100.0%	100.0%
NS	Dist Ring Term Screen	Smart Ring	100.0%	100.0%	100.0%	100.0%
NS	Distinctive Ringing Dist Ring Term Screen Hot Line MWI-ATR Aubible Msg Wtg Selective Call Forward'g Selective Call Rejection Speed Calling	Auto Ring Dwn Ckt Signal	100.0%	100.0%	100.0%	100.0%
NS	MWI-ATR Aubible Msq Wtq	Receive Audible MWI	0.0%	0.0%	0.0%	0.0%
NS	Selective Call Forward'q	Special Call Forwarding	100.0%	100.0%	100.0%	100.0%
NS	Selective Call Rejection	Call Block	100.0%	100.0%	100.0%	100.0%
NS	Speed Calling	Speed Cllq - 8 & 30 Nos.	100.0%	100.0%	100.0%	100.0%
NS	-F	Busy Number Redial	100.0%	100.0%	100.0%	100.0%
NS		Saved Number Redial	0.0%	0.0%	0.0%	0.0%
NS		Last Number Redial	100.0%	100.0%	100.0%	100.0%
NS	Call Waiting	Call Waiting	100.0%	100.0%	100.0%	100.0%
NS	Three Way Calling	Three Way Calling	100.0%	100.0%	100.0%	100.0%
NS	Remote Call Forwarding	Remote Call Forwarding	100.0%	100.0%	100.0%	100.0%
NS	,	Saved Number Redial Last Number Redial Call Waiting Three Way Calling Remote Call Forwarding Cll Frwd Rey No Ans Rived	100.0%	100.0%	100.0%	100.0%
NS	CFBL/DA	Cll Frwd Bsy No Ans. Fixed	100.0%	100.0%	100.0%	100.0%
NS		Special Call Waiting	100.0%	100.0%	100.0%	100.0%
NS		Special Call Acceptance		100.0%	100.0%	100.0%
NS		Anonymous Call Rejection		100.0%	100.0%	100.0%
NS	3rd No. Bllg Inhibited	Blld No. Screen'g (BNS)		100.0%	100.0%	100.0%
NS		Call Restriction Service	100.0%	100.0%	100.0%	100.0%
NS		MWI Abl Rev Adbl Rng Brst	0.0%	0.0%		0.0%
INS		GTB Dial Datalink	100.0%	100.0%		100.0%
INS		Cust Controllable Ringing	100.0%	100.0%	100.0%	100.0%

SUMMARY FOR MARKET AREA: ALLENTOWN-BETHLEHEM PA

Total Access Lines in: ALLENTOWN-BRTHLEHEM Total = 20063

Percentage Availability of ONA Services By Date for ALLENTOWN-BETHLEHEM Total

Туре	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
BSA	Type A - X.25 Pkt Sw	Pkt Sw Ntwk Svc Pkt Sw Ntwk Svc Voiceband Program Audio	0.0%	0.0%		
BSA	Type B - X.75 PKt Sw	Pkt Sw Ntwk Svc	0.0%	0.0%	0.0%	
SA	Dedicated Voice Grade	Voiceband	100.0%	100.0%	100.0%	100.0%
SA	Dedicated Program Audio	Program Audio	100.0%	100.0%	100.0%	100.0%
A	Dedicated Video	Videoband	100.0%	100.0%	100.0%	100.0%
A	Type F - Ded <64kbps	Digital Data Svc-DDS	83.38	83.2%	83.0% 83.0%	82.9%
A	Type G - Ded 1.544Mbps	Hi Cap DS1 Svc	83.3%	83 <b>2%</b>	83.0%	82.9%
A	Type H - Ded > 1.544Mbps	Hi Cap DS3 Svc	0.0%	0.0%	0.0%	0.0%
A	Dedicated Program Audio Dedicated Video Type F - Ded <64kbps Type G - Ded 1.544Mbps Type H - Ded > 1.544Mbps Dedicated Alert Transport Dedicated Network Access Type K - Ded 64kbps Typh - Cht Sw Line	Alarm Signal	100.0%	100.0%	100.0%	100.0%
A	Dedicated Network Access	Data Link	100.0%	100.0%	100.0%	100.0%
SA	Type K - Ded 64kbps	Digital Data Svc DDS	0.0%	0.0%	0.0%	0.0%
A	TypA - Ckt Sw Line	Voice Grade Line Ckt Sw'd	100.0%	100.08	100.0%	100.0%
SA	TypB - Ckt Sw Trunk	Voice Grade Trunk Ckt Sw	100.0%	100.0%	100.0%	100.0%
SB	Past Select Accent Pkt	Fast Select	0.0%	0.0%	0.0%	0.0%
3E	Fast Select Accept Pkt Fast Select Request Pkt Acc To Clr Ch Transmissn	Past Select	0.0%	0.0%	0.0%	0.0%
SB	Arc To Cir Ch Transmissen	Clear Channel Capability	100.0%	100.0%	100.0%	100.0%
SB	Automatic Protect Switche	Automatic Protection Sw	100.0%	100.0%	100.0%	100.0%
SE	Rridging	Bridging	100.0%	100.0%	100.0%	100.0%
S B	Conditioning	Bridging Conditioning DOVConnect DDS Secondary Channel	100.0%	100.0%	100.0%	100.0%
3B	Data Over Veige (DOV)	DOVConnect	100.0%	100.0%	100.0%	100.0%
3 B	Commonwary Ch Commiliaty	DDC Cacandary Channal	100.08	100.0%	100.0%	100.0%
3 B	Mitamata Pauting	Alternate Routing Direct Inward Dialing Automatic No. ID Automatic No. ID	100.03	100.0%	100.0%	100.0%
	Alternate kouting	Direct Inward Dialing	100.03	100.0%	100.0%	100.0%
8	Cld DN Delly Via Dil	Direct inward Dialing	100.0%	100.0%	100.0%	100.0%
B	Clig Blig Num Deliv FG B	Automatic No. ID	100.08	100.0%	100.0%	100.0%
B	Cilg Bilg Num Deliv rg D	AULUMALIC NO. ID	100.05		0.0%	0.0%
E	Cllg DA Deliv via BCLID	Clg No.ID Delivy CLASS 800 Service	U. U.S	0.0%	0.0% 100.0%	100.0%
B	CXR Select On Rvse Charg	800 Service	100.06	100.0%		0.0%
SE		Frwd Cl Info-Intraoffice		0.0%	0.0%	0.0%
SB	MWI- Activation Audible	MWI Audible		0.0%	0.0%	
SB	Multiline Hunt Group	Hunt Group Arrangement		100.0%	100.0%	100.0%
SE	MLHG-UCD Line Hunting	Uniform Call Distribution		100.0%	100.0%	100.0%
SB		Queuing	100.0%	100.0%	100.0%	100.0%
SB	Three Way Call Transfer	User Transfer	100.0%	100.0%	100.0%	100.0%
SE	Remote Call Forwarding	User Transfer Foreign Exchange	100.0%	100.0%	100.0%	100.0%
SB	Route Diversity	Diversity Routing	100.0%	100.0%	100.0%	100.0%
SE	3rd No. Bllg Inhibited	Blld No. Screen'g (BNS)	100.0%	100.0%	100.0%	100.0%
B	Multiplexing - Digital	Multiplexing Arrangements	100.0%	100.0%	100.0%	100.0%
B	Inband Signaling	Signaling Arrangements	100.0%	100.0%	100.0%	100.0%
E		Prior Pkt Sw'd Ntw Suppl	0.0%	0.0%	0.0%	0.0%
SB		MegaConnect Svc (SMDS)	0.0%	0.0%	0.0%	0.0%
B		MWI Actvtn Audbl Rng Brst	0.0%	0.0%	0.0%	0.0%
SB	Hi Cap Hand-Off Svc	ControlLink DCS	100.0%	100.0%	100.0%	100.0%
NS	Call Det Recd'g Rpts- Pkt	Call Detail - Pkt	0.0%	0.0%	0.0%	0.0%
NS	Fast Select Accept Pkt	Fast Select	0.0%	0.0%	0.0%	0.0%
NS	Fast Select Request Pkt	Past Select	0.0%	0.0%	0.0%	0.0%
NS	Derived Ch (Monitoring)	ScanAlert	0.0%	0.0%	0.0%	0.0%
NS	Automatic Callback	Automatic Busy Redial	100.0%	100.0%	100.0%	100.0%
		Automatic Call Return	100.0%	100.0%	100.0%	100.0%

SUMMARY FOR MARKET AREA: ALLENTOWN-BETHLEHEM PA

Total Access Lines in: ALLENTOWN-BETHLEHEM Total = 20063

Percentage Availability of ONA Services By Date for ALLENTOWN-BETHLEHEM Total

	•					
Туре	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
CNS	CFBL Intraswitch	Call Fwd Bsy Li - Fixed	100.0%		100.0%	100.0%
CNS	CFBL Interswitch	Call Fwd Bsy Li - Fixed	100.0%		100.0%	100.0%
CNS	CFBL/DA-Cust Act/Deact	Cl Fwd-B/No Ans- Variable	100.0%	100.0%	100.0%	100.0%
CNS	CFBL/DA-Cust Fwd To No.	Cl Fwd-B/No Ans- Variable	100.0%	100.0%	100.0%	100.0%
CNS	CFDA Intraswitch	Cl Fwd-No Ans-Fixed	100.0%	100.0%	100.0%	100.0%
CNS	CFDA Interswitch	Cl Fwd-No Ans-Fixed	100.0%	100.0%	100.0%	100.0%
CNS	CF Mult Sim Call Intersw	Cl Fwd'g - Multipath	100.0%	100.0%	100.0%	100.0%
CNS	CF - Variable	Variable Cl Fwd'g Variable Call Forwarding	100.0%	100.0%		100.0%
CNS	CF Var Act w/o Crtsy Cal	Variable Call Forwarding	100.0%	100.0%		100.0%
CNS	CR VAR - Remote Act/Cont	Remote Access-CF Variable	0.0%	0.0%	0.0%	0.0%
CNS	Call Waiting - Cancel	Cancel Call Waiting	100.0%	100.0%	100.0%	100.0%
CNS	Cllq DA Deliv via BCLID	Clg No.ID Delivy CLASS Call Tracing Service	0.0%	0.0%	0.0%	0.0%
CNS	Customer Originated Trace	Call Tracing Service	100.0%	100.0%	100.0%	100.0%
CNS	Distinctive Ringing	VIP Alert	100.0%	100.0%	100.0%	100.0%
CNS	Dist Ring Term Screen	Smart Ring	100.0%	100.0%	100.0%	100.0%
CNS	Not Line	Auto Ring Dwn Ckt Signal	100.0%	100.0%	100.0%	100.0%
CNS	MWI-ATR Aubible Msq Wtq	Receive Audible MWI	0.0%	0.0%	0.0%	0.0%
CNS	Selective Call Forward'q	Special Call Forwarding	100.0%	100.0%	100.0%	100.0%
CNS	Selective Call Rejection	Call Block	100.0%	100.0%	100.0%	100.0%
CNS	Speed Calling	Receive Audible MWI Special Call Forwarding Call Block Speed Cllg - 8 & 30 Nos.	100.0%	100.0%	100.0%	100.0%
CNS	•	Busy Number Redial Saved Number Redial Last Number Redial	100.0%	100.0%	100.0%	100.0%
CNS		Saved Number Redial	0.0%	0.0%	0.0%	0.0%
CNS		Last Number Redial	100.0%	100.0%	100.0%	100.0%
CNS	Call Waiting	Call Waiting	100.0%	100.0%	100.0%	100.0%
CNS	Three Way Calling	Three Way Calling Remote Call Forwarding Cll Frwd'g Fixed-All clls	100.0%	100.0%	100.0%	100.0%
CNS	Remote Call Forwarding	Remote Call Forwarding	100.0%	100.0%	100.0%	100.0%
CNS	•	Cll Frwd'g Fixed-All clls	100.0%	100.0%		100.0%
CNS	CFBL/DA	CII FIWO BSV NO ANS.FIXEO	100.06	100.0%	100.0%	100.0%
CNS		Special Call Waiting	100.0%	100.0%	100.0%	100.0%
CNS		Special Call Acceptance	100.0%	100.0%	100.0%	100.0%
CNS		Anonymous Call Rejection	100.0%	100.0%		100.0%
CNS	3rd No. Bllg Inhibited	Blld No. Screen'g (BNS)	100.0%	100.0%	100.0%	100.0%
CNS	·	Call Restriction Service	100.0%	100.0%	100.0%	100.0%
CNS		MWI Abl Rcv Adbl Rng Brst	0.0%	0.08		0.0%
CNS		GTB Dial Datalink	100.0%	100.0%		100.0%
CNS		Cust Controllable Ringing			100.0%	100.0%
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SUMMARY FOR MARKET ARBA: ANN ARBOR

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Total Access Lines in: ANN ARBOR

Total

46164

Percentage Availability of ONA Services By Date for ANN ARBOR

e A - X.25 Pkt Sw
A - Ckt Sw Line
Omatic Protect Switcing         Automatic Protection Sw         100.0%         <
Omatic Protect Switcing         Automatic Protection Sw         100.0%         <
Omatic Protect Switcing         Automatic Protection Sw         100.0%         <
Omatic Protect Switcing         Automatic Protection Sw         100.0%         <
Omatic Protect Switcing         Automatic Protection Sw         100.0%         <
Omatic Protect Switcing         Automatic Protection Sw         100.0%         <
Select On Rvse Charg       800 Service       2.8%       20.9%       88.7%       88.8%         sage Desk (SMDI)       Frwd Cl Info-Intraoffice       11.6%       29.5%       97.2%       97.1%         - Activation Audible       MWI Audible       11.6%       29.5%       97.2%       97.1%         tiline Hunt Group       Hunt Group Arrangement       14.4%       32.4%       100.0%       100.0%         G-UCD Line Hunting       Uniform Call Distribution       14.4%       32.4%       100.0%       100.0%         G - UCD With Queuing       Queuing       2.8%       20.9%       88.7%       88.8%         ee Way Call Transfer       User Transfer       10.8%       28.9%       96.6%       96.7%
Select On Rvse Charg       800 Service       2.8%       20.9%       88.7%       88.8%         sage Desk (SMDI)       Frwd Cl Info-Intraoffice       11.6%       29.5%       97.2%       97.1%         - Activation Audible       MWI Audible       11.6%       29.5%       97.2%       97.1%         tiline Hunt Group       Hunt Group Arrangement       14.4%       32.4%       100.0%       100.0%         G-UCD Line Hunting       Uniform Call Distribution       14.4%       32.4%       100.0%       100.0%         G - UCD With Queuing       Queuing       2.8%       20.9%       88.7%       88.8%         ee Way Call Transfer       User Transfer       10.8%       28.9%       96.6%       96.7%
Select On Rvse Charg       800 Service       2.8%       20.9%       88.7%       88.8%         sage Desk (SMDI)       Frwd Cl Info-Intraoffice       11.6%       29.5%       97.2%       97.1%         - Activation Audible       MWI Audible       11.6%       29.5%       97.2%       97.1%         tiline Hunt Group       Hunt Group Arrangement       14.4%       32.4%       100.0%       100.0%         G-UCD Line Hunting       Uniform Call Distribution       14.4%       32.4%       100.0%       100.0%         G - UCD With Queuing       Queuing       2.8%       20.9%       88.7%       88.8%         ee Way Call Transfer       User Transfer       10.8%       28.9%       96.6%       96.7%
Select On Rvse Charg       800 Service       2.8%       20.9%       88.7%       88.8%         sage Desk (SMDI)       Frwd Cl Info-Intraoffice       11.6%       29.5%       97.2%       97.1%         - Activation Audible       MWI Audible       11.6%       29.5%       97.2%       97.1%         tiline Hunt Group       Hunt Group Arrangement       14.4%       32.4%       100.0%       100.0%         G-UCD Line Hunting       Uniform Call Distribution       14.4%       32.4%       100.0%       100.0%         G - UCD With Queuing       Queuing       2.8%       20.9%       88.7%       88.8%         ee Way Call Transfer       User Transfer       10.8%       28.9%       96.6%       96.7%
Select On Rvse Charg       800 Service       2.8%       20.9%       88.7%       88.8%         sage Desk (SMDI)       Frwd Cl Info-Intraoffice       11.6%       29.5%       97.2%       97.1%         - Activation Audible       MWI Audible       11.6%       29.5%       97.2%       97.1%         tiline Hunt Group       Hunt Group Arrangement       14.4%       32.4%       100.0%       100.0%         G-UCD Line Hunting       Uniform Call Distribution       14.4%       32.4%       100.0%       100.0%         G - UCD With Queuing       Queuing       2.8%       20.9%       88.7%       88.8%         ee Way Call Transfer       User Transfer       10.8%       28.9%       96.6%       96.7%
Select On Rvse Charg       800 Service       2.8%       20.9%       88.7%       88.8%         sage Desk (SMDI)       Frwd Cl Info-Intraoffice       11.6%       29.5%       97.2%       97.1%         - Activation Audible       MWI Audible       11.6%       29.5%       97.2%       97.1%         tiline Hunt Group       Hunt Group Arrangement       14.4%       32.4%       100.0%       100.0%         G-UCD Line Hunting       Uniform Call Distribution       14.4%       32.4%       100.0%       100.0%         G - UCD With Queuing       Queuing       2.8%       20.9%       88.7%       88.8%         ee Way Call Transfer       User Transfer       10.8%       28.9%       96.6%       96.7%
Select On Rvse Charg       800 Service       2.8%       20.9%       88.7%       88.8%         sage Desk (SMDI)       Frwd Cl Info-Intraoffice       11.6%       29.5%       97.2%       97.1%         - Activation Audible       MWI Audible       11.6%       29.5%       97.2%       97.1%         tiline Hunt Group       Hunt Group Arrangement       14.4%       32.4%       100.0%       100.0%         G-UCD Line Hunting       Uniform Call Distribution       14.4%       32.4%       100.0%       100.0%         G - UCD With Queuing       Queuing       2.8%       20.9%       88.7%       88.8%         ee Way Call Transfer       User Transfer       10.8%       28.9%       96.6%       96.7%
Select On Rvse Charg       800 Service       2.8%       20.9%       88.7%       88.8%         sage Desk (SMDI)       Frwd Cl Info-Intraoffice       11.6%       29.5%       97.2%       97.1%         - Activation Audible       MWI Audible       11.6%       29.5%       97.2%       97.1%         tiline Hunt Group       Hunt Group Arrangement       14.4%       32.4%       100.0%       100.0%         G-UCD Line Hunting       Uniform Call Distribution       14.4%       32.4%       100.0%       100.0%         G - UCD With Queuing       Queuing       2.8%       20.9%       88.7%       88.8%         ee Way Call Transfer       User Transfer       10.8%       28.9%       96.6%       96.7%
Select On Rvse Charg       800 Service       2.8%       20.9%       88.7%       88.8%         sage Desk (SMDI)       Frwd Cl Info-Intraoffice       11.6%       29.5%       97.2%       97.1%         - Activation Audible       MWI Audible       11.6%       29.5%       97.2%       97.1%         tiline Hunt Group       Hunt Group Arrangement       14.4%       32.4%       100.0%       100.0%         G-UCD Line Hunting       Uniform Call Distribution       14.4%       32.4%       100.0%       100.0%         G - UCD With Queuing       Queuing       2.8%       20.9%       88.7%       88.8%         ee Way Call Transfer       User Transfer       10.8%       28.9%       96.6%       96.7%
- Activation Audible MWI Audible 11.6% 29.5% 97.2% 97.1% 11.6% 11.6% 29.5% 97.2% 97.1% 11.6% 11.
- Activation Audible MWI Audible 11.6% 29.5% 97.2% 97.1% tiline Hunt Group Hunt Group Arrangement 14.4% 32.4% 100.0% 100.0% G-UCD Line Hunting Uniform Call Distribution 14.4% 32.4% 100.0% 100.0% G- UCD With Queuing Queuing 2.8% 20.9% 88.7% 88.8% ee Way Call Transfer User Transfer 10.8% 28.9% 96.6% 96.7%
- Activation Audible MWI Audible 11.6% 29.5% 97.2% 97.1% 11.6% 11.6% 29.5% 97.2% 97.1% 11.6% 11.
tiline Hunt Group Hunt Group Arrangement 14.4% 32.4% 100.0% 100.0% G-UCD Line Hunting Uniform Call Distribution 14.4% 32.4% 100.0% 100.0% G - UCD With Queuing Queuing 2.8% 20.9% 88.7% 88.8% ee Way Call Transfer User Transfer 10.8% 28.9% 96.6% 96.7%
ee way Call Transfer User Transfer 10.8% 28.9% 96.6% 90.7%
ee way Call Transfer User Transfer 10.8% 28.9% 96.6% 90.7%
ee way Call Transfer User Transfer 10.8% 28.9% 96.6% 90.7%
ote Call Rorwarding Foreign Rychange 14.4% 32.4% 100.0% 100.0%
te Diversity Diversity Routing 2.8% 20.9% 88.7% 88.8%
No. Bllg Inhibited Blld No. Screen'g (BNS) 14.4% 32.4% 100.0% 100.0%
tiplexing - Digital Multiplexing Arrangements 100.0% 100.0% 100.0% 100.0%
and Signaling Signaling Arrangements 100.0% 100.0% 100.0% 100.0%
Prior Pkt Sw'd Ntw Suppl 0.0% 18.1% 18.4% 18.7%
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we have the state of the state
2 200 Koda y Kpob 1 Ko odali 200011
t Select Accept Pkt Fast Select 0.0% 0.0% 0.0%
t Select Request Pkt Fast Select 0.0% 0.0% 0.0%
ived Ch (Monitoring) ScanAlert 0.0% 0.0% 0.0%
omatic Callback Automatic Busy Redial 14.4% 32.4% 100.0% 100.0%
omatic Recall Automatic Call Return 14.4% 32.4% 100.0% 100.0%

SUMMARY FOR MARKET AREA: ANN ARBOR MI

Total Access Lines in: ANN ARBOR Total = 46164

Percentage Availability of ONA Services By Date for ANN ARBOR Total

	<del></del>					
Туре	Generic Name of ONA Serv	Product Name of ONA Serv	12/31/94	12/31/95	12/31/96	12/31/97
CNS	CFBL Intraswitch	Call Pwd Bsy Li - Fixed Call Pwd Bsy Li - Fixed Cl Fwd-B/No Ans- Variable Cl Fwd-B/No Ans- Variable Cl Fwd-No Ans-Fixed	14.4%	32.4%	100.0%	100.0%
INS	CFBL Interswitch	Call Fwd Bsy Li - Fixed	14.4%	32.4%	83.0%	83.1%
NS	CFBL/DA-Cust Act/Deact	Cl Pwd-B/No Ans- Variable	14.4%	32.4%	100.0%	100.0%
NS	CFBL/DA-Cust Fwd To No.	Cl Fwd-B/No Ans- Variable	14.48	32.48	100.0%	100.0%
NS	CFDA Intraswitch	Cl Fwd-No Ans-Fixed	14.4%	32.4%	100.0%	100.0%
NS	CFDA INTERSWITCH	CI FWG-NO ANS-F1XeG	14.48	34.48	100.0%	100.0%
NS	CP Mult Sim Call Intersw	Cl Rwd'a - Multinath	2 8%	20.9%	88.7%	88.88
NS	CF - Variable	Variable Cl Fwd'q	14.4%	32.48	100.0%	100.0%
NS	CF Var Act w/o Crtsy Cal	Variable Cl Fwd'g Variable Call Forwarding	2.8%	20.9%	21.3%	21.5%
NS	CF VAR - Remote Act/Cont	Remote Access-CF Variable	11.6%	29.5%	97.28	97.1%
NS	Call Waiting - Cancel	Cancel Call Waiting	14.4%	32.4%	100.0%	100.0%
NS	Cllg DA Deliv via BCLID	Clg No.ID Delivy CLASS	11.6%	29.5%	97.2%	97.1%
NS	Customer Originated Trace	Call Tracing Service	14.4%	32.4%	100.0%	100.0%
NS	Distinctive Ringing	Remote Access-CF Variable Cancel Call Waiting Clg No.ID Delivy CLASS Call Tracing Service VIP Alert Smart Ring	14.4%	32.48	100.0%	100.0%
IS	Dist Ring Term Screen	Smart Ring	14.4%	32.4%	100.0%	100.0%
IS	Hot Line	Auto Ring Dwn Ckt Signal	14.48	32.4%	100.0%	100.0%
S	MWI-ATR Aubible Msg Wtg	Auto Ring Dwn Ckt Signal Receive Audible MWI	11.6%	29.5%	92.6%	92.6%
S	Selective Call Forward'g	Special Call Forwarding	14.4%	32.4%	100.0%	100.0%
S	Selective Call Rejection	Call Block	14 42	22 12	100.0%	100.0%
S	Speed Calling	Speed Cllg - 8 & 30 Nos.	14.4%	32.48	100.0%	100.0%
S	· ·	Busy Number Redial	14.4%	32.4%	100.0%	100.0%
IS		Speed Cllg - 8 & 30 Nos. Busy Number Redial Saved Number Redial Last Number Redial Call Waiting	0.0%	0.0%	67.5%	67.3%
S		Last Number Redial	14.4%	32.4%	100.0%	100.0%
IS	Call Waiting	Call Waiting	14.4%	32.4%	100.0%	100.0%
IS	Three Way Calling	Three way Calling	74 4%	₹7 4%	100.0%	100.0%
IS	Remote Call Porwarding	Remote Call Forwarding	14.4%	32.4%	100.0%	100.0%
NS		Cli Frwd'g Fixed-All clis	14,4%	32.4%	100.0%	100.0%
IS	CFBL/DA	Cll Frwd Bsy No Ans.Fixed	14.4%	32.4%	100.0%	100.0%
S		Special Call Waiting	14.4%	14.2%	81.6%	81.3%
S		Special Call Acceptance	14.4%	14.2%	81.6%	81.3%
S		Anonymous Call Rejection	10.8%	14.2% 10.7%	56.6%	56.5%
S	3rd No. Bllg Inhibited	Blld No. Screen'g (BNS)	14.48	32.4%	100.0%	100.0%
S		Special Call Acceptance Anonymous Call Rejection Blld No. Screen'g (BNS) Call Restriction Service	14.4%	32.4%	100.0%	100.0%
ß		MWI Abl Rcv Adbl Rng Brst GTB Dial Datalink	0.0%	0.0%	62.9%	62.8%
NS		GTB Dial Datalink	100 0%	100.0%	100.0%	
NS		Cust Controllable Ringing	14 4%	32.4%	100.0%	100.0%